7/5/83 S6845-1 a

PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

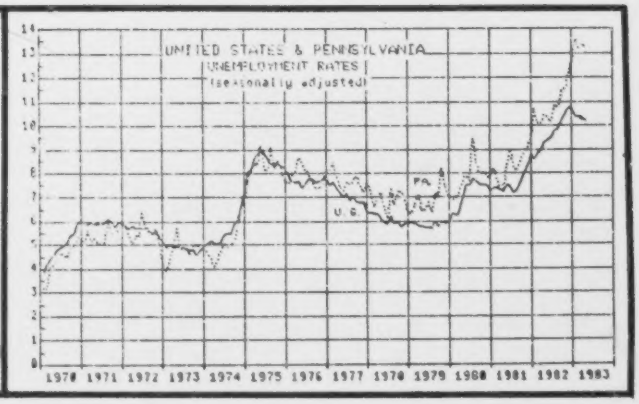
MAY 1983

Vol. XXVIII No. 5

(April Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	APRIL 1983	MARCH 1983	APRIL 1982
Civilian Labor Force	5327.0	5307.0	5418.0
Employment	4636.0	4571.0	4862.0
Unemployment (Unadjusted)	691.0	736.0	556.0
%Civilian Labor Force	13.0	13.9	10.3
Unemployment (Seas. Adj.)	708.0	719.0	574.0
%Civilian Labor Force	13.2	13.4	10.5


UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(seasonally adjusted)
PA
U.S.
1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983

STATE RESIDENT EMPLOYMENT RISES - UNEMPLOYMENT SHRINKS

Pennsylvania's resident employment increased in April, while unemployment declined. Output gains in manufacturing, where increased employment and hours of work are helping to lift incomes, are fueling the recovery in the current quarter.

The number of employed residents in April was 4,636,000, up 65,000 from March, but 226,000 less than a year ago.

April unemployment, unadjusted for seasonal trends, was 691,000 - down 45,000 from March. The unadjusted rate fell to 13.0 percent from the previous month's 13.9 percent. This was the third consecutive month the state unadjusted unemployment rate declined. It was also the ninth consecutive month the state rate has followed the national trend.

Seasonally adjusted, unemployment, estimated at 708,000, was 11,000 below March. The rate declined from 13.4 percent to 13.2 percent.

Nationally, the unadjusted rate of unemployment in April was 10.0 percent, down from the previous month's 10.8 percent. April's seasonally adjusted rate was 10.2 percent, down from 10.3 percent in March.

NONAGRICULTURAL EMPLOYMENT CONTINUES UPWARD -
NONMANUFACTURING AND MANUFACTURING JOBS INCREASE

Total nonagricultural wage and salary employment in April was 4,449,000, including 5,800 persons involved in labor management disputes. This was a 44,300 gain over March, but was 181,000 less than a year ago. Nonmanufacturing employment advanced to 3,360,000, a 38,300 job addition over the previous month. Manufacturing employment gained 4,500 jobs over the month, climbing to 1,082,900. The manufacturing employment gain in April was partially due to a heavy March inventory liquidation which matched last December's record drawdown. Thus, second-quarter growth should benefit from inventory restocking.

NONMANUFACTURING. Employment in the nonmanufacturing sector continued to lead the growth in nonfarm jobs. Seven of the eight nonmanufacturing industry lines had employment increases, and one had a workforce reduction. Over the month, services employment gained 16,200 jobs, followed by retail trade, 11,800; contract construction, 8,000; transportation and public utilities, 2,400; wholesale trade, 1,100; finance, insurance and real estate, 1,100; and mining 100. Government employment declined by 2,400 jobs due to a drop in local education.

MANUFACTURING. Durable goods had a 3,700 job increase and nondurable goods, 800. Primary metals led the job gain in durable goods with 2,300. Basic steel employment rose by 2,400 over the month; stone, clay and glass products, by 2,000; and four other industry lines had smaller employment increases. Nonelectrical machinery had the largest job loss, 1,600. Three other categories had small workforce reductions.

In April, the nondurable goods employment level rose to 467,600, an 800 gain over March. Paper products and printing and publishing had employment gains of 600 each. The largest employment loser was apparel, down 1,300. This job loss followed three consecutive monthly increases. Of the ten nondurable goods divisions, seven had employment increases and three had losses.

BEST AVAILABLE COPY

BUR 653 8 82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING HOURS AND EARNINGS UP FOR THE MONTH

In April, the average workweek of factory production workers rose to 39.0 hours, a slight gain over the previous month's 38.9. Average hourly earnings increased one cent from March to $8.82 in April. Average weekly earnings of factory workers climbed to $343.98, up $1.27 over the previous month.

Average weekly hours for durable goods edged upward to 40.0 hours, an increase over the previous month and slightly more than a one hour gain over a year ago. Hourly earnings remained the same as the previous month at $9.77. Average weekly earnings rose to $390.80, a $1.95 increase over the month.

April's average workweek for nondurable goods industries remained the same as the previous month at 37.7 hours. Despite this lack of movement, April's workweek was higher than a year ago. Hourly earnings increased to $7.58, a one cent gain over the month. The increase in hourly earnings brought weekly earnings to $285.77, slightly above March's $285.39.

NONMANUFACTURING EMPLOYMENT CLIMBS IN ALL FOURTEEN MAJOR LABOR MARKET AREAS UNEMPLOYMENT RATE DOWN IN TWELVE AREAS

The April preliminary unemployment rate (not seasonally adjusted) among the 14 major labor market areas ranged from a high of 24.4 percent in Johnstown to a low of 6.9 percent in Lancaster. Twelve of the areas had unemployment rate decreases and two remained the same over the month. The unemployment rate in seven labor market areas was below the state's 13.0 percent rate, and seven areas had rates that exceeded the state rate. Three areas had unemployment rates below the national average of 10.0 percent. They were Lancaster with 6.9 percent, Harrisburg with 7.2 percent and Philadelphia with 9.6 percent.

In April, seven major labor market areas - Altoona, Erie, Johnstown, Lancaster, Philadelphia, Pittsburgh, and Williamsport - had increases in manufacturing employment. Five areas had drops and two had no change over the month. The Pittsburgh area had the largest job gain in manufacturing with 2,400, followed by Philadelphia with 700. All 14 areas had employment increases in nonmanufacturing. Philadelphia led the gain in nonmanufacturing jobs with a 9,200 increase, followed by Pittsburgh, 5,400; Harrisburg, 2,000; and Lancaster and State College, 1,700 each. Pittsburgh was the only area to post gains in both the durable goods and nondurable goods division of manufacturing, as well as in nonmanufacturing.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Apr. 1983 1/	Mar. 1983	Apr. 1982	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982	Apr. 1983 1/	Mar. 1983	Apr. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4449.0	4404.7	4630.0	44.3	-181.0									
TOTAL MANUFACTURING INDUSTRIES	1082.9	1078.4	1204.1	4.5	-121.2	$343.98	$342.71	$325.76	39.0	38.9	38.1	$8.82	$8.81	$8.55
TOTAL DURABLE GOODS	615.3	611.6	717.4	3.7	-102.1	390.80	388.85	369.16	40.0	39.8	38.9	9.77	9.77	9.49
Lumber & wood products	18.5	17.7	18.0	0.8	0.5	277.80	273.70	247.30	39.8	39.1	36.8	6.98	7.00	6.72
Furniture & fixtures	17.6	17.1	18.5	0.5	- 0.9	285.61	280.44	266.35	38.7	38.0	37.2	7.38	7.38	7.16
Stone, clay & glass products	50.3	48.3	52.9	2.0	- 2.6	381.48	374.00	360.28	40.8	40.0	40.3	9.35	9.35	8.94
Primary metal industries	120.7	118.4	155.5	2.3	- 34.8	456.69	453.94	439.26	39.0	38.6	37.1	11.71	11.76	11.84
Fabricated metal products	88.1	88.6	99.1	- 0.5	- 11.0	384.46	380.42	351.16	40.9	40.6	39.5	9.40	9.37	8.89
Machinery, exc. electrical	104.7	106.3	136.1	- 1.6	- 31.4	393.60	391.60	371.07	40.0	40.0	39.9	9.84	9.79	9.30
Electric & electronic equipment	100.2	100.3	110.1	- 0.1	- 9.9	356.17	353.20	319.09	40.2	40.0	39.2	8.86	8.83	8.14
Transportation equipment	58.2	57.9	66.4	0.3	- 8.2	442.95	457.06	430.52	40.6	41.4	40.5	10.91	11.04	10.63
Instruments & related products	35.8	36.1	39.3	- 0.3	- 3.5	349.27	351.43	315.83	39.6	39.8	38.8	8.82	8.83	8.14
Miscellaneous manufacturing industries	21.2	20.9	21.5	0.3	- 0.3	331.28	321.58	298.54	40.4	39.8	39.7	8.20	8.08	7.52
TOTAL NONDURABLE GOODS	467.6	466.8	486.7	0.8	- 19.1	285.77	285.39	266.03	37.7	37.7	37.0	7.58	7.57	7.19
Food & kindred products	88.5	89.0	90.8	- 0.5	- 2.3	328.32	327.27	305.98	38.9	39.1	38.2	8.44	8.37	8.01
Tobacco manufacturers	2.1	2.2	2.6	- 0.1	- 0.5	210.84	206.27	203.90	38.9	38.7	37.9	5.42	5.33	5.38
Textile mill products	38.0	37.7	39.1	0.3	- 1.1	226.64	226.10	212.63	37.9	38.0	37.5	5.98	5.95	5.67
Apparel & other textile products	108.8	110.1	116.4	- 1.3	- 7.6	180.18	179.63	172.86	33.0	32.9	32.8	5.46	5.46	5.27
Paper & allied products	39.9	39.5	40.9	0.4	- 1.0	364.20	366.27	329.80	43.1	43.5	41.8	8.45	8.42	7.89
Printing & publishing	71.8	71.2	72.4	0.6	- 0.6	351.12	351.12	318.94	39.1	39.1	37.7	8.98	8.98	8.46
Chemicals & allied products	57.3	56.7	59.2	0.6	- 1.9	410.23	406.59	375.60	40.9	40.7	40.3	10.03	9.99	9.32
Petroleum & coal products	15.6	15.4	16.4	0.2	- 0.8	533.41	579.03	520.09	42.1	44.1	42.7	12.67	13.13	12.18
Rubber & misc. plastics products	32.5	32.0	34.4	0.5	- 1.9	311.45	311.81	290.43	40.5	40.6	39.3	7.69	7.68	7.39
Leather & leather products	13.1	13.0	14.5	0.1	- 1.4	188.68	183.40	182.50	35.6	34.8	35.3	5.30	5.27	5.17
TOTAL NONMANUFACTURING INDUSTRIES	3360.3	3322.0	3420.3	38.3	- 60.0									
Mining	40.9	40.8	48.7	0.1	- 7.8									
Contract Construction	147.5	139.5	162.6	8.0	- 15.1									
Transportation	136.2	133.7	145.8	2.5	- 9.6									
Public Utilities	103.5	103.6	104.5	- 0.1	- 1.0									
Communications	53.7	53.9	55.3	- 0.2	- 1.6									
Electric, gas and sanitary service	49.8	49.7	49.2	0.1	0.6									
Wholesale trade	232.2	231.1	240.5	1.1	- 8.3									
Retail trade	718.1	706.3	728.7	11.8	- 10.6									
General merchandise stores	114.5	114.6	115.4	- 0.1	- 0.9									
Finance, insurance & real estate	237.5	236.4	238.8	1.1	- 1.3									
Banking	80.7	80.3	80.2	0.4	0.5									
Insurance	69.4	69.5	70.1	- 0.1	- 0.7									
Services	1064.9	1048.7	1049.2	16.2	15.7									
Business services	142.5	139.4	143.0	3.1	- 0.5									
Health services	360.9	359.3	349.6	1.6	11.3									
Hospitals	218.0	217.9	211.9	0.1	6.1									
Educational service	146.2	146.0	142.1	0.2	4.1									
Government	679.5	681.9	701.5	- 2.4	- 22.0									
Federal	134.9	134.6	133.4	0.3	1.5									
State & local	544.6	547.3	568.1	- 2.7	- 23.5									
Persons in labor-management disputes	5.8	4.3	5.6	1.5	0.2									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

1/ On all tables the most recent month's data are preliminary. They are subject to revision.

8/1/83 S 6845-1

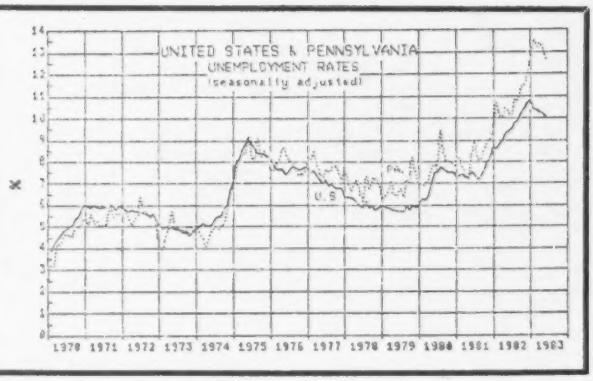
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JUNE 1983 Vol. XXVIII No. 6

(May Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	MAY 1983	APRIL 1983	MAY 1982
Civilian Labor Force	5428.0	5327.0	5402.0
Employment	4769.0	4636.0	4874.0
Unemployment (Unadjusted)	659.0	691.0	529.0
%Civilian Labor Force	12.1	13.0	9.8
Unemployment (Seas. Adj.)	693.0	708.0	565.0
%Civilian Labor Force	12.6	13.2	10.3



RESIDENT EMPLOYMENT CONTINUES UPWARD TREND - UNEMPLOYMENT FALLS

Pennsylvania's resident employment increased in May for the second consecutive month, while unemployment (not seasonally adjusted) declined for the fourth consecutive month. These two indicators appear to be reflecting the onset of recovery in the state's economy.

The number of employed residents in May rose to 4,769,000, up 133,000 from April but 105,000 less than a year ago.

May unemployment, unadjusted for seasonal trends, was 659,000 - down 32,000 from April. The unadjusted rate fell to 12.1 percent from the previous month's 13.0 percent. This was the tenth consecutive month the state rate has moved in the same direction as the national rate.

Seasonally adjusted unemployment at 693,000 was 15,000 below April. The rate declined from 13.2 percent to 12.6 percent.

Nationally, the unadjusted rate of unemployment in May was 9.8 percent, down from the previous month's 10.0 percent. May's seasonally adjusted rate was 10.1 percent, down from 10.2 percent in April.

NONAGRICULTURAL EMPLOYMENT CONTINUES TO ADVANCE - JOB GAINS IN NONMANUFACTURING AND MANUFACTURING

From April to May, nonagricultural wage and salary employment increased by 40,800 jobs to an estimated 4,479,500. However, employment was 156,900 less than a year ago. Nonmanufacturing employment climbed to 3,387,700 up 30,500 over the previous month. Manufacturing employment gained 10,300 jobs over the month, advancing to 1,091,800. This employment gain appears to be fueled by employer confidence about near-term prospects.

NONMANUFACTURING. In May, nonmanufacturing gained almost three times as many jobs as the manufacturing sector. Seven nonmanufacturing divisions had job increases, while contract construction employment declined because of labor-management disputes. As consumer confidence increased, employment in retail trade rose by 11,800 over the month. Government employment was up by 6,600 jobs as teachers involved in labor-management disputes returned to work. The services sector gained 5,300 jobs as the amusement and recreation industries geared up for the summer season. Transportation and public utilities employment rose 4,100, followed by job gains of 1,100 in both mining and wholesale trade.

MANUFACTURING. May's manufacturing employment showed the largest monthly increase since August of 1981, with durable goods up 5,600 and nondurable goods, 4,700. Machinery, except electrical, led the job gain in durable goods with 1,600, part of which was a return to work from a labor-management dispute. Transportation equipment employment rose by 1,300 over the month; fabricated metal products and electrical machinery, 700; and four other lines had smaller employment increases. Instruments and primary metal products had no change from the previous month although basic steel employment declined by 300.

In May the nondurable goods employment gain was led by apparel with 2,700. Rubber products had 600; both food and textile products had 400. Three other lines had small increases, and printing and tobacco had no movement over the month. Employment in chemical products, down by 100, was the only manufacturing industry that declined.

BUR 663 8-82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING HOURS AND EARNINGS CONTINUE TO CLIMB

Production workers in manufacturing earned an average of $8.84 per hour in May, an increase of 2 cents per hour from April and 27 cents per hour above a year ago. The number of hours worked increased slightly over the month from 39.0 per week in April to 39.1 in May. The year-ago average was 38.2 hours per week. The average weekly wage for May was $345.64, up from $343.98 in April and well above the year-ago average of $327.37.

In May, average weekly hours for durable goods remained the same as the previous month at 40.1 hours. Average hourly earnings moved upward to $9.80, a 3-cent gain over the previous month and 28 cents per hour above a year ago. Average weekly earnings rose to $392.98, up slightly over the previous month and $18.27 above a year ago.

The workweek for nondurable goods in May was 37.9 hours, a shade above April's 37.6 hours. Hourly earnings increased to $7.59, up 1 cent over the month. May's weekly earnings were $287.66, above April's $285.01 and the year ago's $269.68.

UNEMPLOYMENT RATES DROP IN ALL FOURTEEN MAJOR LABOR MARKET AREAS - NONMANUFACTURING EMPLOYMENT INCREASED IN ALL OF THESE

The May preliminary unemployment rates (not seasonally adjusted) declined over the month in all 14 major labor market areas of the state. The unemployment rates ranged from a high of 21.1 percent in Johnstown to a low of 6.3 percent in Lancaster. Eight labor market areas had unemployment rates below the state's 12.1 percent. Lancaster, Harrisburg and Philadelphia had unemployment rates below the national average of 9.8 percent. In the Johnstown area the unemployment rate dropped 2.8 percentage points over the month, the largest drop among the 14 major labor market areas.

In May, all 14 major labor market areas had increases in nonmanufacturing employment. Over the month, manufacturing employment rose in 10 areas, declined in three areas and remained the same in one area. Six labor market areas posted gains in both durable goods and nondurable goods divisions of manufacturing, as well as in nonmanufacturing. The Allentown area had the largest job increase in manufacturing with 2,100, followed by York with 1,700. Philadelphia led the rise in nonmanufacturing jobs with a 6,200 increase, followed by Pittsburgh, 4,400; Northeast Pennsylvania, 2,700; Harrisburg, 1,900; York and Allentown-Bethlehem-Easton, 1,300 each; and Johnstown, 1,200.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	May 1983	April 1983	May 1982	April 1983	May 1982	May 1983	April 1983	May 1982	May 1983	April 1983	May 1982	May 1983	April 1983	May 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4479.5	4438.7	4636.4	40.8	-156.9									
TOTAL MANUFACTURING INDUSTRIES	1091.8	1081.5	1191.1	10.3	- 99.3	$345.64	$343.98	$327.37	39.1	39.0	38.2	$8.84	$8.82	$8.57
TOTAL DURABLE GOODS	619.8	614.2	704.6	5.6	- 84.8	392.98	391.78	370.33	40.1	40.1	38.9	9.80	9.77	9.52
Lumber & wood products	19.0	18.5	18.4	0.5	0.6	288.05	278.20	255.68	40.8	39.8	37.6	7.06	6.99	6.80
Furniture & fixtures	17.8	17.6	18.3	0.2	- 0.5	287.86	285.61	276.19	38.9	38.7	38.9	7.40	7.38	7.10
Stone, clay & glass products	50.3	50.2	52.9	0.1	- 2.6	386.87	382.30	366.46	41.2	40.8	40.9	9.39	9.37	8.96
Primary metal industries	119.5	119.5	149.2	0.0	- 29.7	453.96	456.30	429.69	38.9	39.0	36.2	11.67	11.70	11.87
Fabricated metal products	88.7	88.0	98.5	0.7	- 9.8	387.45	386.22	357.50	41.0	41.0	39.9	9.45	9.42	8.96
Machinery, exc. electrical	106.8	105.2	133.5	1.6	- 26.7	398.00	395.39	368.24	39.8	40.1	39.3	10.00	9.86	9.37
Electric & electronic equipment	100.6	99.9	108.6	0.7	- 8.0	356.00	357.94	331.93	40.5	40.4	39.8	8.79	8.86	8.34
Transportation equipment	59.4	58.1	65.0	1.3	- 5.6	451.98	442.95	425.81	40.5	40.6	39.5	11.16	10.91	10.78
Instruments & related products	35.8	35.8	38.9	0.0	- 3.1	356.80	349.27	335.16	40.0	39.6	39.9	8.92	8.82	8.40
Miscellaneous manufacturing industries	21.9	21.4	21.3	0.5	0.6	318.00	325.96	305.11	39.8	39.8	40.9	7.99	8.19	7.46
TOTAL NONDURABLE GOODS	472.0	467.3	486.5	4.7	- 14.5	287.66	285.01	269.68	37.9	37.6	37.3	7.59	7.58	7.23
Food & kindred products	88.8	88.4	90.9	0.4	- 2.1	338.52	328.25	315.51	39.5	38.8	39.0	8.57	8.46	8.09
Tobacco manufacturers	2.1	2.1	2.5	0.0	- 0.4	202.95	210.84	200.97	36.9	38.9	38.5	5.50	5.42	5.22
Textile mill products	38.4	38.0	39.6	0.4	- 1.2	237.98	227.10	218.12	39.4	37.6	38.2	6.04	6.04	5.71
Apparel & other textile products	111.7	109.0	115.7	2.7	- 4.0	180.61	179.85	173.25	33.2	33.0	33.0	5.44	5.45	5.25
Paper & allied products	40.0	39.7	40.6	0.3	- 0.6	361.22	359.97	329.99	42.9	42.6	41.3	8.42	8.45	7.99
Printing & publishing	71.5	71.5	72.2	0.0	- 0.7	342.76	349.71	322.91	38.0	38.9	37.9	9.02	8.99	8.52
Chemicals & allied products	57.1	57.2	58.8	-0.1	- 1.7	420.21	409.82	381.11	41.4	40.9	40.5	10.15	10.02	9.41
Petroleum & coal products	15.9	15.6	16.8	0.3	- 0.9	524.16	529.20	517.16	42.0	42.1	42.6	12.48	12.57	12.14
Rubber & misc. plastics products	33.2	32.6	34.3	0.6	- 1.1	307.49	311.45	296.25	40.3	40.5	39.5	7.63	7.69	7.50
Leather & leather products	13.3	13.2	15.1	0.1	- 1.8	195.60	187.80	175.95	37.4	35.5	34.5	5.23	5.29	5.10
TOTAL NONMANUFACTURING INDUSTRIES	3387.7	3357.2	3445.3	30.5	- 57.6									
Mining	42.0	40.9	47.6	1.1	- 5.6									
Contract Construction	145.5	146.8	174.4	-1.3	- 28.9									
Transportation	141.4	137.7	146.9	3.7	- 5.5									
Public Utilities	103.6	103.2	105.1	0.4	- 1.5									
Communications	53.7	53.7	55.5	0.0	- 1.8									
Electric, gas and sanitary service	49.9	49.5	49.6	0.4	0.3									
Wholesale trade	233.5	232.4	240.4	1.1	- 6.9									
Retail trade	730.1	718.3	737.2	11.8	- 7.1									
General merchandise stores	114.9	114.6	115.0	0.3	- 0.1									
Finance, insurance & real estate	239.6	237.8	239.6	1.8	0.0									
Banking	80.8	80.7	80.3	0.1	0.5									
Insurance	69.3	69.4	70.1	-0.1	- 0.8									
Services	1066.3	1061.0	1054.0	5.3	12.3									
Business services	143.7	142.5	144.4	1.2	- 0.7									
Health services	362.2	361.1	350.8	1.1	11.4									
Hospitals	218.7	218.3	212.5	0.4	6.2									
Educational service	134.4	141.4	135.7	-7.0	- 1.3									
Government	685.7	679.1	700.1	6.6	- 14.4									
Federal	135.5	134.3	133.9	1.2	1.6									
State & local	550.2	544.8	566.2	5.4	- 16.0									
PERSONS IN LABOR-MANAGEMENT DISPUTES	6.4	5.7	5.2	0.7	1.2									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included in total nonagricultural wage and salary employment.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

9/12/83 S6845-1 a

PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JOB SERVICE

JULY 1983

(June Data)

Vol. XXVIII No. 7

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

8UR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
JULY 1983
(June Data)

STATE RESIDENT EMPLOYMENT GAINS--
STUDENTS PUSH UNEMPLOYMENT UP

In June, the number of Pennsylvania residents working increased as the economy improved. The number of unemployed persons also rose between May and June, with most of the increase attributable to students entering the labor market.

The number of employed residents in June was 4,886,000, up 117,000 from May and only 2,000 less than June 1982.

June unemployment, unadjusted for seasonal trends, was 721,000--up 62,000 from May. The unadjusted rate moved to 12.9 percent from the previous month's 12.1 percent. For the eleventh consecutive month, the state rate followed the national trend.

Seasonally adjusted unemployment, estimated at 704,000, was 11,000 higher than May. The rate remained the same as May at 12.6 percent.

Nationally, the unadjusted rate of unemployment in June was 10.2 percent, up from the previous month's 9.8 percent. June's seasonally adjusted rate was 10.0 percent, down slightly from May's 10.1 percent.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT CLIMBS--
NONMANUFACTURING AND MANUFACTURING EMPLOYMENT ADVANCES

Total nonagricultural wage and salary employment was up 15,700 from May to total 4,498,300 in June. Nonmanufacturing employment climbed to 3,400,100, a 9,900 job gain over the previous month. This job increase was primarily the result of seasonal activity in several industries. Manufacturing employment rose to 1,098,200, a 5,800 job gain over the month as industries recalled laid off workers. June's nonagricultural wage and salary employment increased by 97,900 jobs over March, the end of the first calendar quarter. This increase in hiring can give real strength to the consumer spending that remains the backbone of the recovery.

NONMANUFACTURING. Seasonal factors continued to play a major role in employment fluctuations which occurred in the nonmanufacturing industries. The largest employment gain was in the construction industry which added 11,700 jobs over the month. All phases of construction showed some signs of improvement with special trade contractors reporting the most change. Wholesale and retail trade employment was up 7,900 since May, with retail trade firms accounting for 6,700 of the total increase. Most of the increase was traced to eating and drinking establishments and food stores. The hiring of temporary summer help led to 3,300 new jobs in the finance, insurance and real estate industry. The employment decreases in the nonmanufacturing industries occurred in transportation and public utilities, services and government. The 2,000 drop in transportation and public utilities was entirely in transportation as school bus drivers were laid off for the summer. The employment decline in the services sector occurred in educational services as working students at colleges and universities were laid off. Federal government showed an employment gain of 700 over the month but this was more than offset by the loss of 13,000 jobs at the state and local government level. Most of these jobs were traced to state and local educational facilities as the spring school semester ended and 10-month faculty were off for the summer.

Since the end of the first calendar quarter, nonmanufacturing employment has increased by 78,100 jobs. The bulk of the job increase was in wholesale and retail trade, 36,900; with retail trade accounting for 32,900 of the total increase. Contract construction increased by 19,500, followed by services with 19,200; finance, insurance and real estate, 6,100; transportation and public utilities, 3,400; and mining, 2,500. The only employment decrease in the nonmanufacturing industries was in the government level where 9,500 fewer jobs were reflected in the quarter.

MANUFACTURING. The manufacturing industries continued to reflect improving economic conditions as 5,800 jobs were added to manufacturing payrolls in June. Nondurable goods industries accounted for 3,800 of the total increase. Leading the employment advance in nondurable goods was food products, up 1,800; apparel, 1,000; and rubber and plastic products, 500. The only employment loss was in printing and publishing, down 100 jobs.

Nondurable goods employment in June was 8,900 higher than at the end of the first calendar quarter. Five industries were responsible for the bulk of the job gains: food products, 2,400; rubber and plastics products, 1,600; apparel, 1,300; textile products, 900; and leather products, 800. All other nondurable goods lines posted small gains while tobacco products and printing had no employment change over the quarter.

Although total durable goods employment increased in June, those gains were mixed. Five industries gained in employment, four industries declined and one had no change. The most significant gain was in electric and electronic equipment with the addition of 2,100 jobs. The primary metals industry employment level increased by 1,500, the impetus coming from a 1,300 job gain in basic steel. Small employment gains were noted in lumber and wood products; furniture and fixtures; and miscellaneous manufacturing industries. The decreases in employment were in fabricated metals; machinery, except electrical; transportation equipment; and instruments.

Since March 1983, durable goods employment has increased 10,900, from 611,600 in March 1983 to 622,500 in June 1983. The greatest employment gains over the quarter occurred in primary metals, 3,600; stone, clay and glass, 2,200; lumber and wood products, 2,000; electric and electronic equipment, 1,900; and transportation equipment, 1,500. Increased orders and inventory rebuilding were responsible for the job gains. The largest over-the-quarter decreases in employment occurred in fabricated metal products and instruments and related products.

FACTORY PRODUCTION WORKERS EARNINGS UP FOR THE MONTH AND THE QUARTER

In June the average workweek of factory production workers climbed to 39.5 hours, a slight increase over the previous month and a one-hour gain over a year ago. A gain in the average workweek that is sustained over a period of time is usually followed by additional hirings. Average hourly earnings at $8.88 were slightly above May's $8.85. Average weekly earnings of factory workers rose to $350.76, a $3.84 increase over the previous month and a $21.20 gain over a year ago.

Average weekly hours for durable goods climbed to 40.6 hours, a substantial gain over the previous month's 40.1 hours. Hourly earnings advanced to $9.86, a 4-cent gain over May. Average weekly earnings increased to $400.32, a $6.54 gain over the month. In June basic steel's workweek was 39.3 hours, a vigorous 3.5-hour advance over a year ago.

The nondurable goods workweek of 38.2 hours showed a slight advance over May's 38.0 hours. Hourly earnings remained the same as the previous month at $7.59. The lack of upward movement in the hourly rate was reflected in June's weekly earnings of $289.94, only $1.52 higher than May.

Hours and earnings in June, the end of the second calendar quarter, showed strong advances over the end of the first calendar quarter. Average weekly manufacturing earnings of $350.76 in June was $8.05 higher than in March. Hourly earnings of $8.88 in June indicated a small advance over the previous quarter's $8.81. June's average workweek of 39.5 was 36 minutes longer than the first quarter's 38.9 hours.

MANUFACTURING EMPLOYMENT GAINS IN TEN AREAS-- NINE AREAS GAIN IN NONMANUFACTURING-- UNEMPLOYMENT RATE DROPS IN FOURTEEN AREAS OVER THE QUARTER

In June, 10 major labor market areas had gains in manufacturing employment. Leading the employment gains in the manufacturing sector were Philadelphia, 3,300; and Pittsburgh, 2,400. Four areas, Northeast Pennsylvania, State College, Williamsport and York, sustained manufacturing employment losses over the month. Nine labor market areas had employment increases in the nonmanufacturing sector in June. The largest gains were in Pittsburgh, 5,300; Philadelphia, 3,800; and Northeast Pennsylvania, 2,700. Employment losses in nonmanufacturing occurred in Erie, Lancaster, Reading, State College, and York.

Between the first and second calendar quarters manufacturing employment rose in 10 of the 14 major labor market areas. Employment drops occurred in Northeast Pennsylvania, Sharon, State College and Williamsport. State College was the only major labor market area to post a loss in nonmanufacturing employment from the first to the second calendar quarter; it was also the only area to have a decline in nonagricultural wage and salary employment over the same time period.

The June unemployment rate (not seasonally adjusted) among the 14 major labor market areas varied from a low of 6.9 percent in Harrisburg and Lancaster to a high of 21.2 percent in Johnstown. Thirteen areas had unemployment increases over the month, while Sharon had an unemployment decline. Seven areas had unemployment rates below the state's 12.9 percent. Three areas had unemployment rates below the national average of 10.2 percent. They were Harrisburg and Lancaster at 6.9 percent, followed by Philadelphia with 9.9 percent.

In June all 14 major labor market areas had unemployment rates below their rate in March, the end of the first calendar quarter. The lowest rate in March was in the Harrisburg area at 8.1 percent--in June the rate had been reduced to 6.9 percent. March's highest unemployment rate was 24.4 percent in Johnstown --presently it is 21.2 percent for the same city. In June eight of the 14 major labor market areas had unemployment rates below the March state average of 13.9 percent.

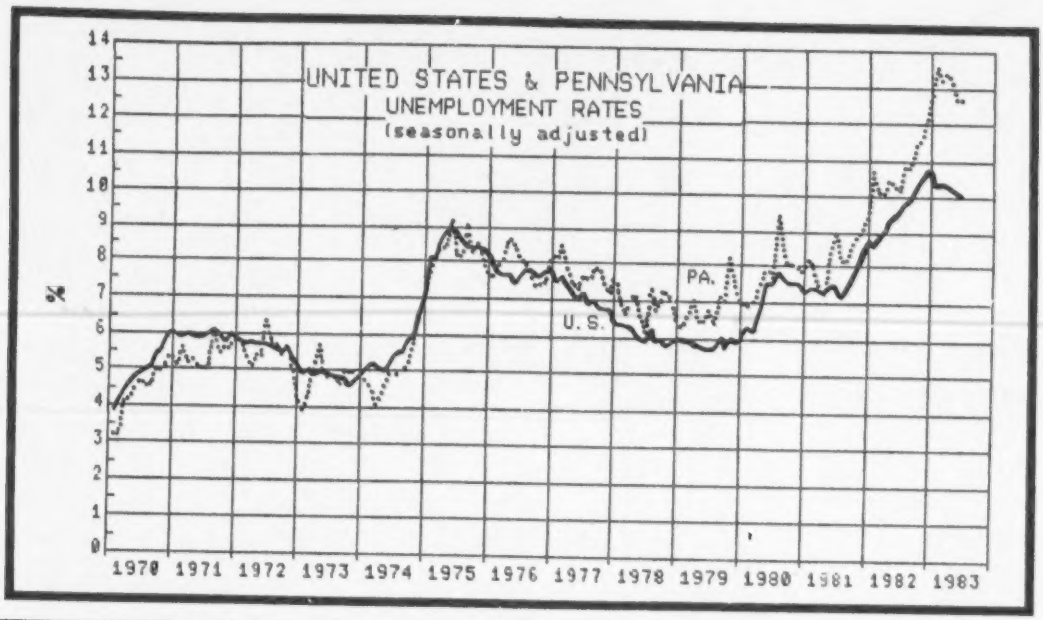


Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

Year	PENNSYLVANIA					UNITED STATES				
	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,433	5,008	425	7.8		106,940	99,303	7,637	7.1	
1981	5,482	5,024	458	8.4		108,670	100,397	8,273	7.6	
1982	5,482	4,883	599	10.9		110,204	99,526	10,678	9.7	
1983 Jan.	5,407	4,603	804	14.9	13.6	109,779	97,262	12,517	11.4	10.4
Feb.	5,369	4,610	759	14.1	13.2	109,647	97,265	12,382	11.3	10.4
Mar.	5,307	4,571	736	13.9	13.4	109,873	97,994	11,879	10.8	10.3
Apr.	5,327	4,636	691	13.0	13.2	109,875	98,840	11,035	10.0	10.2
May	5,428	4,769	659	12.1	12.6	110,308	99,543	10,765	9.8	10.1
June	5,607	4,886	721	12.9	12.6	113,383	101,813	11,570	10.2	10.0
1982										
1st Qtr.	5,419	4,815	603	11.1	10.3	108,366	98,083	10,284	9.5	8.8
2nd Qtr.	5,424	4,875	549	10.1	10.3	110,099	99,833	10,267	9.3	9.4
3rd Qtr.	5,550	4,960	590	10.6	11.0	111,653	100,839	10,814	9.7	10.0
4th Qtr.	5,532	4,880	652	11.8	12.1	110,700	99,351	11,349	10.3	10.7
1983										
1st Qtr.	5,361	4,595	766	14.3	13.4	109,766	97,507	12,259	11.2	10.3
2nd Qtr.	5,454	4,764	690	12.7	12.8	111,189	100,065	11,123	10.0	10.1

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	June 1983	May 1983	Apr. 1983	March 1983	June 1982	May 1983	March 1983	June 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4498.3	4482.6	4438.7	4400.4	4630.5	15.7	-97.9	-132.2
LABOR-MANAGEMENT DISPUTES	6.4	6.1	5.7	4.3	5.2	0.3	2.1	1.2
TOTAL MANUFACTURING INDUSTRIES	1098.2	1092.4	1081.5	1078.4	1190.5	5.8	19.8	- 92.3
TOTAL DURABLE GOODS	622.5	620.5	614.2	611.6	700.9	2.0	10.9	- 78.4
Lumber & wood products	19.7	19.1	18.5	17.7	18.7	0.6	2.0	1.0
Millwork, plywood & structural	6.2	6.1	5.8	5.6	5.9	0.1	0.6	0.3
Other lumber & wood prod.	13.5	13.0	12.7	12.1	12.8	0.5	1.4	0.7
Furniture & fixtures	18.0	17.8	17.6	17.1	18.7	0.2	0.9	- 0.7
Household furniture	7.8	7.8	7.6	7.5	7.9	0.0	0.3	- 0.1
Office furniture	4.9	4.8	4.7	4.8	4.8	0.1	0.1	0.1
Other furniture & fixtures	5.3	5.2	5.3	4.8	6.0	0.1	0.5	- 0.7
Stone, clay & glass products	50.5	50.5	50.2	48.3	52.7	0.0	2.2	- 2.2
Glass & glassware, pressed or blown	13.7	13.6	13.4	13.6	13.7	0.1	0.1	0.0
Glass containers	7.2	7.0	6.8	6.9	7.3	0.2	0.3	- 0.1
Other pressed or blown glass	6.5	6.6	6.6	6.7	6.4	-0.1	-0.2	0.1
Hydraulic cement	2.2	2.2	2.1	2.0	2.5	0.0	0.2	- 0.3
Structural clay products	4.5	4.6	4.5	4.2	4.8	-0.1	0.3	- 0.3
Pottery & related products	4.2	4.2	4.3	3.5	4.8	0.0	0.7	- 0.6
Concrete, gypsum & plaster prod.	7.7	7.5	7.3	6.4	7.5	0.2	1.3	0.2
Other stone, clay & glass prod.	18.2	18.4	18.6	18.6	19.4	-0.2	-0.4	- 1.2
Primary metal industries	122.0	120.5	119.5	118.4	146.2	1.5	3.6	- 24.2
Blast furnace & basic steel prod.	84.9	83.6	82.7	81.4	105.2	1.3	3.5	- 20.3
Blast furnaces & steel mills	77.1	75.8	75.1	73.9	96.0	1.3	3.2	- 18.9
Other basic steel products	7.8	7.8	7.6	7.5	9.2	0.0	0.3	- 1.4
Iron & steel foundries	11.4	11.8	12.1	12.2	14.6	-0.4	-0.8	- 3.2
Gray iron foundries	5.5	5.6	5.4	5.4	6.3	-0.1	0.1	- 0.8
Steel foundries, n.e.c.	3.4	3.6	3.7	3.7	4.7	-0.2	-0.3	- 1.3
Malleable iron & steel invest.	2.5	2.6	3.0	3.1	3.6	-0.1	-0.6	- 1.1
Nonferrous rolling & drawing	12.7	12.5	12.2	12.1	13.0	0.2	0.7	- 0.3
Nonferrous foundries	5.6	5.5	5.5	5.5	6.1	0.1	0.1	- 0.5
Other primary metal products	7.4	7.1	7.0	7.2	7.3	0.3	0.2	0.1
Fabricated metal products	87.1	88.3	88.0	88.6	97.3	-1.2	-1.5	- 10.2
Metal cans & shipping containers	3.3	3.3	3.3	3.3	3.4	0.0	0.0	- 0.1
Cutlery, hand tools & hardware	4.6	4.5	4.6	4.8	5.4	0.1	-0.2	- 0.8
Plumbing & heating exc. electrical	2.5	2.5	2.4	2.5	2.8	0.0	0.0	- 0.3
Fabricated structural metal prod.	26.4	26.9	26.8	26.8	31.2	-0.5	-0.4	- 4.8
Fabricated structural metal	4.5	4.8	4.8	4.8	6.1	-0.3	-0.3	- 1.6
Fabricated plate work (boiler shops)	6.9	6.8	7.0	7.0	9.4	0.1	-0.1	- 2.5
Other fabricated struct. metal prod.	15.0	15.3	15.0	15.0	15.7	-0.3	0.0	- 0.7
Screw machine products, bolts, etc.	6.4	6.5	6.5	6.6	7.7	-0.1	-0.2	- 1.3
Metal forgings & stampings	16.7	17.2	17.0	17.0	18.1	-0.5	-0.3	- 1.4
Iron & steel forgings	4.3	4.3	4.3	4.4	5.2	0.0	-0.1	- 0.9
Other metal forgings & stampings	12.4	12.9	12.7	12.6	12.9	-0.5	-0.2	- 0.5
Metal services & ordnance, n.e.c.	8.3	8.3	8.3	8.3	8.1	0.0	0.0	0.2
Misc. fabricated metal products	18.9	19.1	19.1	19.3	20.6	-0.2	-0.4	- 1.7
Valves & pipe fittings	7.0	7.2	7.3	7.3	8.0	-0.2	-0.3	- 1.0
Other misc. fabricated metal prod.	11.9	11.9	11.8	12.0	12.6	0.0	-0.1	- 0.7
Machinery, exc. electrical	106.1	107.0	105.2	106.3	130.3	-0.9	-0.2	24.2
Engines & turbines	6.6	7.4	7.6	7.7	9.3	-0.8	-1.1	- 2.7
Farm & garden machinery	3.0	2.9	2.9	2.9	3.5	0.1	0.1	- 0.5
Construction & related mach.	15.4	15.3	13.6	13.7	22.0	0.1	1.7	- 6.6
Construction machinery	4.6	4.8	3.3	3.2	5.9	-0.2	1.4	- 1.3
Conveyors & conveying equip.	3.2	3.1	3.1	3.1	3.5	0.1	0.1	- 0.3
Other construction & related mach.	7.6	7.4	7.2	7.4	12.6	0.2	0.2	- 5.0
Metal working machinery	14.3	14.5	14.4	14.9	20.5	-0.2	-0.6	- 6.2
Special industry machinery	10.8	10.9	11.0	10.9	12.2	-0.1	-0.1	- 1.4

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	June 1983	May 1983	April 1983	March 1983	June 1982	NET CHANGE May 1983	NET CHANGE March 1983	NET CHANGE June 1982
General industrial machinery	22.0	22.3	22.3	22.8	26.5	-0.3	-0.8	- 4.5
Pumps & pumping equipment	3.6	3.6	3.6	3.6	4.2	0.0	0.0	- 0.6
Ball & roller bearings	3.2	3.2	3.3	3.2	3.6	0.0	0.0	- 0.4
Air & gas compressors	3.6	3.7	3.8	3.9	4.7	-0.1	-0.3	- 1.1
Industrial furnaces & ovens	2.5	2.6	2.6	2.7	3.0	-0.1	-0.2	- 0.5
Other general industrial mach.	9.1	9.2	9.0	9.4	11.0	-0.1	-0.3	- 1.9
Office and computing machines	13.0	12.8	12.9	12.9	13.1	0.2	0.1	- 0.1
Refrigeration & service ind. mach.	9.5	9.3	9.2	9.2	9.6	0.2	0.3	- 0.1
Misc. machinery, exc. electrical	11.5	11.6	11.3	11.3	13.6	-0.1	0.2	- 2.1
Electric & electronic equipment	102.2	100.1	99.9	100.3	109.3	2.1	1.9	- 7.1
Electric distributing equip.	12.4	12.2	12.6	13.2	15.8	0.2	-0.8	- 3.4
Transformers	4.2	4.2	4.4	4.3	5.5	0.0	-0.1	- 1.3
Switchgear & switchboard apparatus	8.2	8.0	8.2	8.9	10.3	0.2	-0.7	- 2.1
Electrical industrial apparatus	16.2	15.5	15.7	15.7	17.2	0.7	0.5	- 1.0
Household appliances	3.9	4.0	3.7	3.7	3.7	-0.1	0.2	0.2
Electric lighting & wiring equip.	19.4	19.0	19.1	19.3	20.5	0.4	0.1	- 1.1
Current-carrying wiring devices	11.5	11.2	11.3	11.4	11.5	0.3	0.1	0.0
Other electric light & wiring equip.	7.9	7.8	7.8	7.9	9.0	0.1	0.0	- 1.1
Communication equipment	8.7	8.8	9.0	9.0	9.8	-0.1	-0.3	- 1.1
Electronic components & accessories	32.1	31.3	30.8	30.3	32.9	0.8	1.8	- 0.8
Semiconductors & related devices	12.0	11.7	11.4	11.2	11.4	0.3	0.8	0.6
Other electronic components & access.	20.1	19.6	19.4	19.1	21.5	0.5	1.0	- 1.4
Other electrical equip. & supplies	9.5	9.3	9.0	9.1	9.4	0.2	0.4	0.1
Transportation equipment	59.4	59.5	58.1	57.9	67.1	-0.1	-1.5	- 7.7
Motor vehicles & equipment	22.4	22.2	21.3	21.4	25.1	0.2	1.0	- 2.7
Motor vehicle parts & access.	9.9	9.7	9.8	9.7	10.4	0.2	0.2	- 0.5
Other motor vehicles & equip.	12.5	12.5	11.5	11.7	14.7	0.0	0.8	- 2.2
Aircraft & parts	10.2	10.8	10.8	10.8	12.0	-0.6	-0.6	- 1.8
Ship & boat building & repairing	3.0	2.9	2.6	2.6	3.6	0.1	0.4	- 0.6
Railroad equipment	11.5	11.3	11.0	10.9	14.1	0.2	0.6	- 2.6
Other transportation equipment	12.3	12.3	12.4	12.2	12.3	0.0	0.1	0.0
Instruments & related products	35.5	35.8	35.8	36.1	39.0	-0.3	-0.6	- 3.5
Measuring & controlling devices	17.7	17.9	18.0	18.1	20.3	-0.2	-0.4	- 2.6
Medical instruments & supplies	10.7	10.6	10.5	10.6	10.8	0.1	0.1	- 0.1
Other instruments & related prod.	7.1	7.3	7.3	7.4	7.9	-0.2	-0.3	- 0.8
Miscellaneous manufacturing industries	22.0	21.9	21.4	20.9	21.6	0.1	1.1	0.4
TOTAL NONDURABLE GOODS	475.7	471.9	467.3	466.8	489.6	3.8	8.9	-13.9
Food & kindred products	91.4	89.6	88.4	89.0	91.8	1.8	2.4	- 0.4
Meat products	13.1	12.8	13.1	13.5	13.9	0.3	-0.4	- 0.8
Meat packing plants	4.3	4.1	4.2	4.4	4.1	0.2	-0.1	0.2
Sausages & other prepared meats	4.6	4.5	4.4	4.6	5.0	0.1	0.0	- 0.4
Poultry dressing & processing	4.2	4.2	4.5	4.5	4.8	0.0	-0.3	- 0.6
Dairy products	11.2	11.1	10.7	10.5	11.5	0.1	-0.3	- 0.3
Fluid milk	5.9	5.8	5.7	5.6	6.1	0.1	0.3	- 0.2
Other dairy products	5.3	5.3	5.0	4.9	5.4	0.0	0.4	- 0.1
Preserved fruits & vegetables	10.5	10.4	10.3	10.9	11.1	0.1	-0.4	- 0.6
Canned fruits & vegetables	3.2	3.3	3.4	3.8	3.7	-0.1	-0.6	- 0.5
Other preserved fruits & vegetables	7.3	7.1	6.9	7.1	7.4	0.2	0.2	- 0.5
Grain mill products	5.3	5.2	5.1	5.3	5.2	0.1	0.0	0.1
Bakery products	17.3	17.1	16.9	16.8	17.4	0.2	0.5	- 0.1
Bread, cake & related prod.	13.0	12.9	12.8	12.7	13.1	0.1	0.3	- 0.1
Cookies & crackers	4.3	4.2	4.1	4.1	4.3	0.1	0.2	0.0
Sugar & confectionery prod.	14.9	14.3	13.7	13.6	13.7	0.6	1.3	1.2
Confectionery prod.	NA	NA	NA	NA	NA			
Chocolate & cocoa prod.	NA	NA	NA	NA	NA			
Other sugar prod.	NA	NA	NA	NA	NA			
Beverages	9.5	9.4	9.4	9.1	9.5	0.1	0.4	0.0
Other food & kindred products	9.6	9.3	9.2	9.3	9.5	0.3	0.3	0.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT-
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	June 1983	May 1983	April 1983	March 1983	June 1982	NET CHANGE May 1983	March 1983	June 1982
Tobacco manufacturers	2.2	2.1	2.1	2.2	2.4	0.1	0.0	- 0.2
Textile mill products	38.6	38.5	38.0	37.7	39.8	0.1	0.9	- 1.2
Weaving mills, synthetics	4.3	4.2	4.1	4.1	4.3	0.1	0.2	0.0
Knitting mills	19.5	19.6	19.4	19.0	19.7	-0.1	0.5	- 0.2
Knit outerwear mills	10.2	10.3	10.2	9.9	10.8	-0.1	0.3	- 0.6
Knit underwear mills	5.0	5.0	4.9	4.8	4.6	0.0	0.2	0.4
Other knitting mills	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Floor covering mills	3.0	3.0	3.0	3.0	3.4	0.0	0.0	- 0.4
Yarn & thread mills	3.0	3.0	3.0	3.0	3.3	0.0	0.0	- 0.3
Other textile mill prod.	8.8	8.7	8.5	8.6	9.1	0.1	0.2	- 0.3
Apparel & other textile products	111.4	110.4	109.0	110.1	116.1	1.0	1.3	- 4.7
Men's & boys' suits & coats	15.0	14.7	14.2	14.0	15.3	0.3	1.0	- 0.3
Men's & boys' furnishings	17.3	16.9	17.1	17.1	18.2	0.4	0.2	- 0.9
Men's & boys' shirts & nightwear	6.4	6.4	6.3	6.4	6.9	0.0	0.0	- 0.5
Men's & boys' separate trousers	3.9	3.8	3.8	3.8	4.1	0.1	0.1	- 0.2
Other furnishings & work clothing	7.0	6.7	7.0	6.9	7.2	0.3	0.1	- 0.2
Women's & misses' outerwear	50.2	50.7	49.9	51.4	54.2	-0.5	-1.2	- 4.0
Women's & children's undergarments	9.8	9.7	9.6	9.5	10.0	0.1	0.3	- 0.2
Children's outerwear	8.0	7.7	7.5	7.7	7.6	0.3	0.3	0.4
Other apparel & textile prod.	11.1	10.7	10.7	10.4	10.8	0.4	0.7	0.3
Paper & allied products	40.1	40.0	39.7	39.5	40.8	0.1	0.6	- 0.7
Paper mills exc. building paper	9.5	9.9	9.9	9.9	10.5	-0.4	-0.4	- 1.0
Paper board containers & boxes	13.8	13.6	13.4	13.1	13.5	0.2	0.7	0.3
Corrugated & solid fiber boxes	7.2	7.0	7.0	6.9	7.0	0.2	0.3	0.2
Other paperboard containers	6.6	6.6	6.4	6.2	6.5	0.0	0.4	0.1
Other paper & allied products	16.8	16.5	16.4	16.5	16.8	0.3	0.3	0.0
Printing & publishing	71.2	71.3	71.5	71.2	72.3	-0.1	0.0	- 1.1
Newspapers	22.5	22.4	22.2	22.1	22.4	0.1	0.4	0.1
Books	5.9	6.1	6.2	6.0	5.9	-0.2	-0.1	0.0
Commercial printing	23.1	23.1	23.2	23.1	23.7	0.0	0.0	- 0.6
Lithographing	13.7	13.7	13.7	13.7	14.0	0.0	0.0	- 0.3
Other commercial printing	9.4	9.4	9.5	9.4	9.7	0.0	0.0	- 0.3
Manifold business forms	4.6	4.5	4.5	4.5	4.6	0.1	0.1	0.0
Other printing & publishing	15.1	15.2	15.4	15.5	15.7	-0.1	-0.4	- 0.6
Chemicals & allied products	57.3	57.3	57.2	56.7	59.5	0.0	0.6	- 2.2
Industrial inorganic chemicals	9.0	9.0	9.0	9.0	10.1	0.0	0.0	- 1.1
Plastic materials & synthetics	7.9	7.8	7.7	7.5	8.0	0.1	0.4	- 0.1
Drugs	19.1	19.2	19.2	19.0	18.7	-0.1	0.1	0.4
Soap, cleaners & toilet goods	3.3	3.3	3.2	3.2	3.0	0.0	0.1	0.3
Paints & allied products	4.0	3.9	3.9	3.8	4.1	0.1	0.2	- 0.1
Other chemicals & allied prod.	14.0	14.1	14.2	14.2	15.6	-0.1	-0.2	- 1.6
Petroleum & coal products	16.1	15.9	15.6	15.4	17.0	0.2	0.7	- 0.9
Petroleum refining	12.2	12.1	12.1	12.1	13.3	0.1	0.1	- 1.1
Other petroleum & coal prod.	3.9	3.8	3.5	3.3	3.7	0.1	0.6	0.2
Rubber & misc. plastics products	33.6	33.1	32.6	32.0	34.6	0.5	1.6	- 1.0
Tires & inner tubes	2.7	2.7	2.6	2.6	2.8	0.0	0.1	- 0.1
Fabricated rubber prod., n.e.c.	3.6	3.5	3.5	3.6	4.1	0.1	0.0	- 0.5
Other rubber & plastic prod., n.e.c.	27.3	26.9	26.5	25.8	27.7	0.4	1.5	- 0.4
Leather & leather products	13.8	13.7	13.2	13.0	15.3	0.1	0.8	- 1.5
Footwear, exc. rubber	10.8	10.8	10.4	10.3	12.0	0.0	0.5	- 1.2
Men's footwear, exc. athletic	4.8	4.7	4.6	4.6	4.8	0.1	0.2	0.0
Women's footwear, exc. athletic	3.0	2.9	2.6	2.5	3.4	0.1	0.5	- 0.4
Other footwear	3.0	3.2	3.2	3.2	3.8	-0.2	-0.2	- 0.8
Other leather & leather prod.	3.0	2.9	2.8	2.7	3.3	0.1	0.3	- 0.3

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	June 1983	May 1983	April 1983	March 1983	June 1982	May 1983	March 1983	June 1982
TOTAL NONMANUFACTURING INDUSTRIES	3400.1	3390.2	3357.2	3322.0	3440.0	9.9	78.1	-39.9
Mining	43.3	41.9	40.9	40.8	47.1	1.4	2.5	- 3.8
Anthracite	2.6	2.6	2.6	2.7	3.4	0.0	- 0.1	- 0.8
Bituminous	31.2	29.9	29.3	29.2	33.3	1.3	2.0	- 2.1
Nonmetallic minerals	4.4	4.2	3.9	3.6	4.5	0.2	0.8	- 0.1
Contract Construction	159.0	147.3	146.8	139.5	176.4	11.7	19.5	-17.4
General building	38.5	35.0	35.1	35.2	45.5	3.5	3.3	- 7.0
Heavy construction	35.4	33.9	31.9	28.6	39.1	1.5	6.8	- 3.7
Special trades	85.1	78.4	79.8	75.7	91.8	6.7	9.4	- 6.7
Transportation	136.7	139.3	137.7	133.7	145.7	-2.6	3.0	- 9.0
Railroads	25.9	25.9	25.5	24.8	31.8	0.0	1.1	- 5.9
Public Utilities	104.0	103.4	103.2	103.6	105.9	0.6	0.4	- 1.9
Communications	53.4	53.6	53.7	53.9	55.5	-0.2	0.5	- 2.1
Electric, gas & sanitary service	50.6	49.8	49.5	49.7	50.4	0.8	0.9	0.2
Electric systems	25.9	25.7	25.6	25.7	25.2	0.2	0.2	0.7
Gas production	8.6	8.5	8.4	8.4	9.4	0.1	0.2	- 0.8
Wholesale trade	235.1	233.9	232.4	231.1	241.4	1.2	0.4	- 6.3
Retail trade	739.2	732.5	718.3	706.3	741.1	6.7	32.9	- 1.9
General merchandise stores	115.1	115.0	114.6	114.6	115.7	0.1	0.5	- 0.6
Department stores	102.6	102.6	102.4	102.5	102.7	0.0	0.1	- 0.1
Finance, insurance & real estate	242.5	239.2	237.8	236.4	241.8	3.3	6.1	0.7
Banking	82.0	80.8	80.7	80.3	80.8	1.2	1.7	1.2
Commercial & stock savings	75.5	74.4	74.3	73.9	74.3	1.1	1.6	1.2
Credit agencies & securities	NA	NA	NA	NA	NA			
Insurance	69.5	69.3	69.4	69.5	70.4	0.2	0.0	- 0.9
Life insurance	26.8	26.9	26.9	27.1	26.8	-0.1	-0.3	0.0
Fire, marine & casualty	27.8	27.6	27.7	27.7	28.8	0.2	0.1	- 1.0
Services	1067.9	1068.0	1061.0	1048.7	1054.4	-0.1	19.2	13.5
Business services	144.6	143.7	142.5	139.4	145.0	0.9	5.2	- 0.4
Health services	366.0	362.3	361.1	359.3	354.5	3.7	6.7	11.5
Nursing & personal care	55.6	55.1	54.7	54.8	54.6	0.5	0.8	1.0
Hospitals	221.2	218.7	218.3	217.9	215.3	2.5	3.3	5.9
Educational service	121.2	136.4	141.4	146.0	122.6	-15.2	-24.8	- 1.4
Miscellaneous services	47.1	46.9	47.2	47.9	48.7	0.2	-0.8	- 1.6
Engineering & architectural	29.6	29.5	29.5	29.9	31.1	0.1	-0.3	- 1.5
Government	672.4	684.7	679.1	681.9	686.2	-12.3	-9.5	-13.8
Federal	136.1	135.4	134.3	134.6	134.4	0.7	1.5	1.7
State & local	536.3	549.3	544.8	547.3	551.8	-13.0	11.0	-15.5

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	June 1983	May 1983	April 1983	March 1983	June 1982	ANNUAL AVERAGE		
						1982	1981	1980
All Manufacturing	81.8	81.4	80.5	80.3	88.4	86.9	96.8	98.9
Primary Metals	61.1	60.3	59.8	59.3	71.4	71.1	92.1	95.2
Apparel	83.1	82.3	81.3	82.1	91.5	84.0	91.5	92.6
All Nonmanufacturing	105.4	105.1	104.1	103.0	105.5	105.2	106.3	106.2
Construction	86.4	80.0	79.8	75.8	91.1	90.7	98.2	103.3
Retail Trade	103.0	102.1	100.1	98.4	103.1	101.8	103.6	103.7
Services	123.8	123.8	123.0	121.5	118.6	121.1	117.3	112.9
Government	94.6	96.3	95.5	95.9	98.2	95.7	98.9	101.7

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982	June 1983	May 1983	Apr. 1983	Mar. 1983	June 1982
Manufacturing	749.2	741.5	731.0	726.5	814.7	29,610.1	29,042.1	28,476.5	28,245.9	31,403.4	262,793.1	256,985.6	251,285.2	248,831.2	268,879.0
Durable Goods	412.6	409.2	402.7	399.5	466.2	16,744.8	16,426.5	16,139.4	15,901.6	18,292.3	165,178.2	161,287.0	157,714.4	155,430.1	174,225.5
Nondur. Goods	336.6	332.3	328.3	327.0	348.5	12,865.3	12,615.6	12,337.1	12,344.3	13,111.1	97,614.9	95,698.6	93,570.8	93,401.1	94,653.5

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
TOTAL MANUFACTURING INDUSTRIES	350.76	346.92	343.98	342.71	329.56	39.5	39.2	39.0	38.9	38.5	8.88	8.85	8.82	8.81	8.56
TOTAL DURABLE GOODS	400.32	393.78	391.78	388.85	373.18	40.6	40.1	40.1	39.8	39.2	9.86	9.82	9.77	9.77	9.52
Lumber & wood products	291.28	293.23	278.20	273.70	263.20	41.2	41.3	39.8	39.1	38.2	7.07	7.10	6.99	7.00	6.89
Millwork, plywood & structural	316.52	315.46	294.35	287.10	288.62	42.6	42.4	40.6	39.6	39.7	7.43	7.44	7.25	7.25	7.27
Other lumber & wood prod.	280.14	283.56	270.68	268.02	252.30	40.6	40.8	39.4	38.9	37.6	6.90	6.95	6.87	6.89	6.71
Furniture & fixtures	294.86	287.82	285.61	280.44	284.20	39.9	39.0	38.7	38.0	39.2	7.39	7.38	7.38	7.38	7.25
Household furniture	270.14	267.30	263.82	257.09	245.88	40.2	39.6	39.2	38.2	38.6	6.72	6.75	6.73	6.73	6.37
Office furniture	320.49	308.45	302.59	304.94	326.14	41.3	39.8	39.4	39.5	41.6	7.76	7.75	7.68	7.72	7.84
Other furniture & fixtures	312.74	302.95	306.82	298.29	307.47	38.0	36.9	37.1	36.2	38.1	8.23	8.21	8.27	8.24	8.07
Stone, clay & glass products	387.28	384.34	382.30	374.00	371.96	41.2	40.8	40.8	40.0	41.1	9.40	9.42	9.37	9.35	9.05
Glass & glassware, pressed or blown	401.70	400.00	411.16	395.28	395.59	41.2	40.9	41.7	40.5	42.4	9.75	9.78	9.86	9.76	9.33
Glass containers	430.12	428.48	429.30	409.76	415.38	41.8	41.6	41.2	39.4	42.0	10.29	10.30	10.42	10.40	9.89
Other pressed or blown glass	369.36	370.24	392.12	380.30	372.37	40.5	40.2	42.3	41.7	42.9	9.12	9.21	9.27	9.12	8.68
Hydraulic cement	568.54	558.45	525.84	553.63	492.23	43.4	42.5	41.7	43.8	39.6	13.10	13.14	12.61	12.64	12.43
Structural clay products	304.18	307.71	302.16	289.85	307.71	39.3	39.0	38.2	37.4	39.4	7.74	7.89	7.91	7.75	7.81
Pottery & related products	356.21	351.52	349.92	368.05	333.12	39.8	39.9	39.9	41.4	38.6	8.95	8.81	8.77	8.89	8.63
Concrete, gypsum & plaster prod.	381.25	370.60	343.20	313.24	349.86	44.8	43.6	41.2	38.2	43.3	8.51	8.50	8.33	8.20	8.08
Other stone, clay & glass prod.	382.71	385.26	385.82	380.15	374.39	39.7	39.8	40.4	40.1	40.3	9.64	9.68	9.55	9.48	9.29
Primary metal industries	464.04	454.74	456.30	453.94	427.92	39.9	39.0	39.0	38.6	36.7	11.63	11.66	11.70	11.76	11.66
Blast furnace & basic steel prod.	496.75	491.60	494.70	489.29	460.03	39.3	38.8	38.8	37.9	35.8	12.64	12.67	12.75	12.91	12.85
Blast furnaces & steel mills	505.11	500.25	500.13	496.66	466.24	39.4	38.9	38.8	38.0	35.7	12.82	12.86	12.89	13.07	13.06
Other basic steel products	422.99	407.21	438.54	424.10	405.50	38.7	37.6	38.3	37.3	37.1	10.93	10.83	11.45	11.37	10.93
Iron & steel foundries	358.93	344.25	340.95	355.47	331.13	39.4	37.5	37.1	38.1	37.5	9.11	9.18	9.19	9.33	8.83
Gray iron foundries	347.53	345.11	330.50	348.89	308.38	38.7	37.8	36.6	37.8	36.8	8.98	9.13	9.03	9.23	8.38
Steel foundries, n.e.c.	389.55	360.75	352.69	365.00	364.05	38.8	37.5	36.7	38.3	38.2	10.04	9.62	9.61	9.53	9.53
Malleable iron & steel invest.	347.77	323.01	348.04	358.59	333.90	41.5	37.0	38.5	38.6	37.9	8.38	8.73	9.04	9.29	8.81
Nonferrous rolling & drawing	429.46	412.30	407.97	400.34	380.48	43.6	41.9	41.8	41.4	41.0	9.85	9.84	9.76	9.67	9.28
Nonferrous foundries	350.95	359.90	350.37	353.60	318.20	39.7	39.9	39.5	40.0	38.9	8.84	9.02	8.87	8.84	8.18
Other primary metal products	384.29	375.07	385.74	388.33	345.93	41.5	40.2	41.3	41.4	39.9	9.26	9.33	9.34	9.38	8.67
Fabricated metal products	389.09	386.10	386.22	380.42	361.70	41.0	40.9	41.0	40.6	40.1	9.49	9.44	9.42	9.37	9.02
Metal cans & shipping containers	479.55	457.41	475.36	451.04	467.71	41.7	40.3	41.3	40.2	44.8	11.50	11.35	11.51	11.22	10.44
Cutlery, hand tools & hardware	301.85	299.74	293.96	290.58	273.22	40.3	39.7	39.3	38.9	38.0	7.49	7.55	7.48	7.47	7.19
Plumbing & heating exc. electrical	417.53	371.20	365.48	343.00	340.49	43.0	39.7	39.9	39.2	39.5	9.71	9.35	9.16	8.75	8.62
Fabricated structural metal prod.	347.13	346.46	343.47	337.98	343.04	39.9	40.1	39.8	39.3	40.5	8.70	8.64	8.63	8.60	8.47
Fabricated structural metal	386.05	377.70	379.96	362.16	379.49	41.6	40.7	40.9	38.9	40.2	9.28	9.28	9.29	9.31	9.44
Fabricated plate work (boiler shops)	385.52	387.13	382.93	380.09	390.29	40.2	40.2	39.6	39.8	41.3	9.59	9.63	9.67	9.55	9.45
Other fabricated struct. metal prod.	319.51	319.59	315.61	312.44	301.50	39.3	39.8	39.6	39.3	40.2	8.13	8.03	7.97	7.95	7.50
Screw machine products, bolts, etc.	376.07	376.65	366.68	354.24	329.35	40.7	40.5	39.9	38.8	37.9	9.24	9.30	9.19	9.13	8.69
Metal forgings & stampings	514.40	514.40	516.66	507.17	453.58	43.3	43.3	43.6	43.2	40.9	11.88	11.88	11.85	11.74	11.09
Iron & steel forgings	391.79	376.27	371.26	377.30	368.06	38.6	38.2	38.0	38.5	38.5	10.15	9.85	9.77	9.80	9.56
Other metal forgings & stampings	548.13	551.60	556.53	545.01	483.30	44.6	44.7	45.1	44.6	41.7	12.29	12.34	12.34	12.22	11.59
Metal services & ordnance, n.e.c.	332.37	331.28	330.79	334.94	328.45	39.9	41.0	41.4	41.3	40.7	8.33	8.08	7.99	8.11	8.07
Misc. fabricated metal products	358.97	354.38	357.75	356.81	337.12	40.7	40.5	40.7	40.5	39.2	8.82	8.75	8.79	8.81	8.60
Valves & pipe fittings	358.94	363.48	375.86	383.11	353.78	39.1	39.0	39.9	40.2	38.0	9.18	9.32	9.42	9.53	9.31
Other misc. fabricated metal prod.	359.42	348.57	346.47	342.29	327.16	41.6	41.3	41.1	40.7	39.8	8.64	8.44	8.43	8.41	8.22

HOURS AND EARNINGS FOR

Table 6. (cont.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
Machinery, exc. electrical	400.60	398.80	395.39	391.60	370.12	40.1	40.0	40.1	40.0	39.5	9.99	9.97	9.86	9.79	9.37
Engines & turbines	462.48	460.56	485.30	488.02	428.26	39.8	40.4	42.2	42.4	41.1	11.62	11.40	11.50	11.51	10.42
Farm & garden machinery	440.77	431.35	451.00	500.46	384.47	41.7	40.2	41.3	43.9	39.8	10.57	10.73	10.92	11.40	9.66
Construction & related mach.	405.78	401.37	362.99	357.63	336.44	39.9	39.7	39.2	39.0	34.9	10.17	10.11	9.26	9.17	9.64
Construction machinery	491.36	473.28	389.50	380.26	272.22	41.5	40.8	41.0	40.8	23.9	11.84	11.60	9.50	9.32	11.39
Conveyors & conveying equip.	374.26	374.59	361.67	356.47	359.77	41.4	41.3	40.5	40.6	41.4	9.04	9.07	8.93	8.78	8.69
Other construction & related mach.	349.30	353.19	352.97	349.98	364.45	38.3	38.6	38.2	38.0	39.4	9.12	9.15	9.24	9.21	9.25
Metal working machinery	410.11	402.70	407.06	393.73	397.17	41.3	40.8	41.2	40.3	41.2	9.93	9.87	9.88	9.77	9.64
Special industry machinery	386.16	382.75	383.55	372.69	355.88	41.3	41.2	41.6	41.0	41.0	9.35	9.29	9.22	9.09	8.68
General industrial machinery	393.96	384.91	379.28	382.14	372.65	40.2	39.6	38.9	39.6	40.2	9.80	9.72	9.75	9.65	9.27
Pumps & pumping equipment	436.58	424.09	435.94	444.94	391.40	41.5	40.7	41.4	41.7	41.2	10.52	10.42	10.53	10.67	9.50
Ball & roller bearings	408.29	399.43	392.75	401.14	383.76	41.2	40.8	40.2	41.1	40.1	9.91	9.79	9.77	9.76	9.57
Air & gas compressors	423.55	400.44	374.01	379.37	379.76	43.0	41.8	39.0	39.6	40.4	9.85	9.58	9.59	9.58	9.40
Industrial furnaces & ovens	388.40	383.67	371.39	374.92	360.89	40.0	39.8	39.3	39.8	39.1	9.71	9.64	9.45	9.42	9.23
Other general industrial mach.	360.61	356.64	352.61	349.82	358.00	38.2	37.7	37.0	37.9	40.0	9.44	9.46	9.53	9.23	8.95
Office and computing machines	466.50	481.99	468.93	467.17	431.66	39.5	39.9	40.6	40.1	40.8	11.81	12.08	11.55	11.65	10.58
Refrigeration & service ind. mach.	369.15	370.76	375.18	368.28	354.84	37.9	38.5	39.0	39.6	40.6	9.74	9.63	9.62	9.30	8.74
Misc. machinery, exc. electrical	351.74	356.61	355.90	345.20	328.71	39.7	39.8	39.5	38.7	38.9	8.86	8.96	9.01	8.92	8.45
Electric & electronic equipment	362.64	355.52	357.94	353.20	334.62	40.7	40.4	40.4	40.0	39.6	8.91	8.80	8.86	8.83	8.45
Electric distributing equip.	408.67	417.37	398.66	401.94	390.83	39.6	40.6	39.2	39.6	40.5	10.32	10.28	10.17	10.15	9.65
Transformers	434.52	450.26	401.98	405.96	439.79	42.6	44.1	40.4	40.8	43.5	10.20	10.21	9.95	9.95	10.11
Switchgear & switchboard apparatus	394.16	397.32	395.90	399.50	362.78	37.9	38.5	38.4	38.9	38.8	10.40	10.32	10.31	10.27	9.35
Electrical industrial apparatus	345.66	343.60	341.54	331.96	328.43	40.1	40.0	39.9	39.1	40.2	8.62	8.59	8.56	8.49	8.17
Household appliances	315.95	310.47	321.60	315.21	280.86	39.2	39.4	40.0	39.9	38.9	8.06	7.88	8.04	7.90	7.22
Electric lighting & wiring equip.	319.06	309.68	323.61	314.41	304.20	39.1	39.2	40.1	39.4	39.0	8.16	7.90	8.07	7.98	7.80
Current-carrying wiring devices	362.71	347.77	367.60	350.24	324.01	41.5	41.9	43.4	42.3	40.3	8.74	8.30	8.47	8.28	8.04
Other electric light & wiring equip.	277.10	274.15	281.18	278.86	287.66	36.8	36.7	36.9	36.5	37.9	7.53	7.47	7.62	7.64	7.59
Communication equipment	388.45	376.68	383.46	379.05	332.98	42.5	41.9	41.5	41.7	38.9	9.14	8.99	9.24	9.09	8.56
Electronic components & accessories	394.15	381.71	386.14	380.89	343.20	42.2	41.4	41.7	41.0	40.4	9.34	9.22	9.26	9.29	8.58
Semiconductors & related devices	506.00	484.77	484.22	479.95	423.72	44.0	42.9	42.7	42.7	40.9	11.50	11.30	11.34	11.24	10.36
Other electronic components & access.	332.90	324.80	332.50	328.02	303.36	41.2	40.6	41.1	40.1	39.5	8.08	8.00	8.09	8.18	7.68
Other electrical equip. & supplies	309.54	299.14	299.93	300.31	313.94	40.2	38.9	38.7	38.8	38.1	7.70	7.69	7.75	7.74	8.24
Transportation equipment	464.09	453.50	442.95	457.06	435.92	41.4	40.6	40.6	41.4	40.4	11.21	11.17	10.91	11.04	10.79
Motor vehicles & equipment	483.51	473.41	446.49	472.07	463.91	42.6	41.6	41.0	42.3	41.2	11.35	11.38	10.89	11.16	11.26
Motor vehicle parts & access.	493.62	485.21	450.18	464.54	453.60	43.3	42.6	41.0	41.7	41.5	11.40	11.39	10.98	11.14	10.93
Other motor vehicles & equip.	475.73	464.30	443.88	478.50	471.17	42.1	40.8	41.1	42.8	40.9	11.30	11.38	10.80	11.18	11.52
Aircraft & parts	483.20	477.53	483.89	499.65	456.25	40.3	40.4	40.8	42.2	40.7	11.99	11.82	11.86	11.84	11.21
Ship & boat building & repairing	367.00	346.84	425.52	428.71	386.71	36.7	35.5	43.2	42.7	39.3	10.00	9.77	9.85	10.04	9.84
Railroad equipment	461.70	426.01	431.62	422.60	410.27	40.5	37.8	38.4	37.8	38.2	11.40	11.27	11.24	11.18	10.74
Other transportation equipment	418.91	431.42	402.69	411.32	376.24	41.6	42.8	41.6	42.1	41.3	10.07	10.08	9.68	9.77	9.11
Instruments & related products	363.20	353.42	349.27	351.43	343.26	40.4	39.8	39.6	39.8	40.1	8.99	8.88	8.82	8.83	8.56
Measuring & controlling devices	374.79	366.28	356.96	358.09	360.59	40.3	39.9	39.4	39.7	41.4	9.30	9.18	9.06	9.02	8.71
Medical instruments & supplies	356.25	328.95	331.96	335.72	333.21	40.3	38.7	38.6	38.5	38.7	8.84	8.50	8.60	8.72	8.61
Other instruments & related prod.	346.32	355.88	354.77	357.79	315.83	40.6	41.0	41.3	41.7	38.8	8.53	8.68	8.59	8.58	8.14
Miscellaneous manufacturing industries	361.92	340.98	325.96	321.58	307.76	41.6	40.4	39.8	39.8	41.2	8.70	8.44	8.19	8.08	7.47

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
TOTAL NONDURABLE GOODS	289.94	288.42	285.01	285.39	271.47	38.2	38.0	37.6	37.7	37.6	7.59	7.59	7.58	7.57	7.22
Food & kindred products	333.88	337.73	328.25	327.27	316.78	39.7	39.5	38.8	39.1	39.4	8.41	8.55	8.46	8.37	8.04
Meat products	312.80	305.75	300.66	296.83	304.19	40.0	38.9	39.2	38.4	39.2	7.82	7.86	7.67	7.73	7.76
Meat packing plants	355.70	348.57	345.28	329.91	362.53	41.7	41.3	41.5	39.7	42.6	8.53	8.44	8.32	8.31	8.51
Sausages & other prepared meats	349.20	349.82	342.21	337.64	360.60	38.5	38.4	37.4	36.9	38.9	9.07	9.11	9.15	9.15	9.27
Poultry dressing & processing	240.77	230.39	229.67	233.47	210.08	39.6	37.1	38.6	38.4	36.6	6.08	6.21	5.95	6.08	5.74
Dairy products	335.66	331.14	330.06	327.59	315.01	43.2	41.6	40.9	41.0	42.8	7.77	7.96	8.07	7.99	7.36
Fluid milk	355.70	345.66	347.90	337.16	334.88	41.7	40.1	40.5	39.9	41.6	8.53	8.62	8.59	8.45	8.05
Other dairy products	318.79	318.86	315.18	318.44	298.28	44.4	42.8	41.2	41.9	43.8	7.18	7.45	7.65	7.60	6.81
Preserved fruits & vegetables	322.58	310.73	279.03	299.51	287.64	39.1	38.6	35.5	38.3	37.6	8.25	8.05	7.86	7.82	7.65
Canned fruits & vegetables	244.06	228.68	236.33	232.41	229.90	36.7	35.4	37.1	36.6	37.2	6.65	6.46	6.37	6.35	6.18
Other preserved fruits & vegetables	357.78	352.96	302.75	340.73	319.03	40.2	40.2	34.6	39.3	37.8	8.90	8.78	8.75	8.67	8.44
Grain mill products	417.13	417.18	401.25	383.37	399.84	41.3	40.9	39.3	39.0	40.8	10.10	10.20	10.21	9.83	9.80
Bakery products	319.43	326.70	322.64	318.92	316.57	37.1	37.9	37.0	37.3	38.7	8.61	8.62	8.72	8.55	8.18
Bread, cake & related prod.	326.34	331.60	333.16	327.22	325.47	36.3	37.3	37.1	37.1	38.7	8.99	8.89	8.98	8.82	8.41
Cookies & crackers	299.88	312.84	294.46	297.52	293.72	39.2	39.4	36.9	37.9	38.8	7.65	7.94	7.98	7.85	7.57
Sugar & confectionery prod.	345.54	347.26	346.99	348.10	331.04	39.0	38.8	38.9	39.2	38.9	8.86	8.95	8.92	8.88	8.51
Beverages	430.77	452.05	437.31	415.52	366.81	41.5	43.3	43.0	41.1	39.4	10.38	10.44	10.17	10.11	9.31
Other food & kindred products	265.72	294.33	276.05	288.86	272.56	40.2	40.1	39.1	40.8	40.2	6.61	7.34	7.06	7.08	6.78
Tobacco manufacturers	211.03	202.95	210.84	206.27	199.56	38.3	36.9	38.9	38.7	38.6	5.51	5.50	5.42	5.33	5.17
Textile mill products	231.60	234.18	227.10	226.10	219.84	38.6	38.9	37.6	38.0	38.5	6.00	6.02	6.04	5.95	5.71
Weaving mills, synthetics	252.96	252.76	242.99	241.00	245.92	40.8	40.9	39.9	40.1	41.4	6.20	6.18	6.09	6.01	5.94
Knitting mills	217.91	220.40	215.06	221.54	204.38	37.7	38.0	36.7	38.0	37.5	5.78	5.80	5.86	5.83	5.45
Knit outerwear mills	220.17	216.17	214.80	220.02	204.82	37.7	37.4	36.1	38.0	38.0	5.84	5.78	5.95	5.79	5.39
Knit underwear mills	194.93	202.45	199.29	200.93	181.41	37.2	37.7	36.5	36.6	35.5	5.24	5.37	5.46	5.49	5.11
Other knitting mills	240.14	251.77	236.93	247.50	226.91	38.3	39.9	38.4	39.6	38.2	6.27	6.31	6.17	6.25	5.94
Floor covering mills	287.27	292.20	282.36	274.74	286.48	38.1	38.6	37.3	38.0	39.9	7.54	7.57	7.57	7.23	7.18
Yarn & thread mills	202.50	198.91	197.29	195.29	194.18	37.5	36.7	36.4	36.3	36.5	5.40	5.42	5.42	5.38	5.32
Other textile mill prod.	248.00	255.19	243.04	229.82	232.83	40.0	40.7	39.2	37.8	39.8	6.20	6.27	6.20	6.08	5.85
Apparel & other textile products	187.47	180.94	179.85	179.63	174.49	33.9	33.2	33.0	32.9	33.3	5.53	5.45	5.45	5.46	5.24
Men's & boys' suits & coats	241.97	228.67	214.13	223.11	214.03	35.9	34.7	32.2	33.5	33.6	6.74	6.59	6.65	6.66	6.37
Men's & boys' furnishings	189.57	185.15	188.50	182.18	179.92	35.7	35.2	35.3	33.8	34.8	5.31	5.26	5.34	5.39	5.17
Men's & boys' shirts & nightwear	187.95	190.08	187.60	183.01	181.44	35.8	36.0	35.0	34.4	35.3	5.25	5.28	5.36	5.32	5.14
Men's & boys' separate trousers	192.65	194.81	183.73	179.24	174.40	34.9	35.1	33.4	31.5	32.0	5.52	5.55	5.50	5.69	5.45
Other furnishings & work clothing	189.36	175.26	192.31	182.32	180.94	36.0	34.5	36.7	34.4	35.9	5.26	5.08	5.24	5.30	5.04
Women's & misses' outerwear	174.26	168.39	167.99	165.98	162.23	31.8	31.3	31.4	31.2	31.5	5.48	5.38	5.35	5.32	5.15
Women's & children's undergarments	162.17	159.58	163.18	168.80	158.26	33.3	32.7	32.9	34.1	33.6	4.87	4.88	4.96	4.95	4.71
Children's outerwear	187.97	177.66	175.60	175.91	176.90	35.6	34.7	33.9	33.7	36.4	5.28	5.12	5.18	5.22	4.86
Other apparel & textile prod.	186.58	187.40	192.77	194.48	184.50	36.3	35.9	37.0	37.4	36.9	5.14	5.22	5.21	5.20	5.00

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982	June 1983	May 1983	April 1983	March 1983	June 1982
Paper & allied products	$370.58	$361.65	$359.97	$366.27	$338.40	43.7	42.9	42.6	43.5	42.3	$8.48	$8.43	$8.45	$8.42	$8.00
Paper mills exc. building paper	467.40	456.54	453.34	449.48	412.92	47.5	45.7	45.7	46.1	44.4	9.84	9.99	9.92	9.75	9.30
Paper board containers & boxes	364.59	354.77	352.64	352.73	327.64	42.1	41.3	41.1	41.4	40.3	8.66	8.59	8.58	8.52	8.13
Corrugated & solid fiber boxes	387.18	374.05	362.79	363.74	349.45	43.7	42.7	41.7	42.1	41.8	8.86	8.76	8.70	8.64	8.36
Other paperboard containers	339.73	333.92	342.23	340.23	304.96	40.3	39.8	40.5	40.6	38.7	8.43	8.39	8.45	8.38	7.83
Other paper & allied products	337.03	324.22	322.66	339.57	312.18	43.6	43.0	42.4	44.1	43.0	7.73	7.54	7.61	7.70	7.26
Printing & publishing	344.89	347.79	349.71	351.12	326.61	37.9	38.6	38.9	39.1	38.2	9.10	9.01	8.99	8.98	8.55
Newspapers	321.60	324.14	314.85	317.68	309.37	33.5	33.8	32.9	33.3	33.7	9.60	9.59	9.57	9.54	9.18
Books	335.23	332.09	335.69	329.27	305.90	38.8	41.1	41.7	40.6	38.0	8.64	8.08	8.05	8.11	8.05
Commercial printing	365.59	374.94	381.60	389.57	342.03	39.1	40.1	40.9	41.4	39.0	9.35	9.35	9.33	9.41	8.77
Lithographing	375.73	384.15	387.00	401.58	359.84	36.8	38.3	38.7	39.8	38.2	10.21	10.03	10.00	10.09	9.42
Other commercial printing	352.78	362.53	374.47	373.20	316.79	42.3	42.6	43.9	43.7	40.1	8.34	8.51	8.53	8.54	7.90
Manifold business forms	398.03	378.59	383.66	381.36	380.17	43.5	42.3	42.3	42.0	43.9	9.15	8.95	9.07	9.08	8.66
Other printing & publishing	309.75	312.61	312.36	307.20	304.59	37.5	37.8	38.0	38.4	39.1	8.26	8.27	8.22	8.00	7.79
Chemicals & allied products	429.77	419.74	409.82	406.59	387.18	42.3	41.6	40.9	40.7	40.5	10.16	10.09	10.02	9.99	9.56
Industrial inorganic chemicals	441.50	422.84	421.34	411.68	385.28	43.2	41.7	41.8	41.5	40.9	10.22	10.14	10.08	9.92	9.42
Plastic materials & synthetics	455.37	447.94	424.76	418.99	406.61	43.0	42.1	40.3	40.6	39.4	10.59	10.64	10.54	10.32	10.32
Drugs	454.44	438.54	432.96	434.60	418.24	42.0	41.1	41.0	41.0	40.1	10.82	10.67	10.56	10.60	10.43
Soap, cleaners & toilet goods	381.49	376.16	352.26	349.73	344.92	43.4	42.6	41.2	41.0	42.9	8.79	8.83	8.55	8.53	8.04
Paints & allied products	444.00	409.76	408.78	408.66	376.69	44.4	41.6	41.5	41.7	40.9	10.00	9.85	9.85	9.80	9.21
Other chemicals & allied prod.	402.11	402.55	392.04	386.86	366.12	41.2	41.5	40.5	39.8	40.5	9.76	9.70	9.68	9.72	9.04
Petroleum & coal products	524.88	522.92	529.20	579.03	510.92	42.5	41.8	42.1	44.1	42.4	12.35	12.51	12.57	13.13	12.05
Petroleum refining	565.90	564.82	574.60	625.52	537.13	42.2	41.5	42.5	44.3	41.8	13.41	13.61	13.52	14.12	12.85
Other petroleum & coal prod.	425.32	414.92	401.14	434.69	432.90	43.4	42.6	41.1	43.6	44.4	9.80	9.74	9.76	9.97	9.75
Rubber & misc. plastics products	308.70	307.89	311.45	311.81	295.57	40.3	40.3	40.5	40.6	39.2	7.66	7.64	7.69	7.68	7.54
Tires & inner tubes	460.85	462.88	429.48	428.28	375.19	43.6	44.0	41.9	41.3	38.6	10.57	10.52	10.25	10.37	9.72
Fabricated rubber prod., n.e.c.	374.33	354.56	352.23	358.57	344.83	41.5	40.2	39.8	40.7	41.1	9.02	8.82	8.85	8.81	8.39
Other rubber & plastic prod., n.e.c.	289.28	289.60	296.54	296.06	282.75	39.9	40.0	40.4	40.5	39.0	7.25	7.24	7.34	7.31	7.25
Leather & leather products	194.16	195.14	187.80	183.40	178.14	37.7	37.6	35.5	34.8	35.7	5.15	5.19	5.29	5.27	4.99
Footwear, exc. rubber	183.27	186.25	176.28	170.02	173.99	37.1	37.4	34.7	33.6	36.4	4.94	4.98	5.08	5.06	4.78
Men's footwear, exc. athletic	199.80	202.98	200.08	192.92	194.31	39.1	39.8	38.7	37.1	38.1	5.11	5.10	5.17	5.20	5.10
Women's footwear, exc. athletic	178.00	192.23	167.10	148.98	159.84	36.7	38.6	32.7	29.5	35.6	4.85	4.98	5.11	5.05	4.49
Other footwear	162.11	155.03	149.02	154.56	162.51	34.2	32.5	30.6	32.0	35.1	4.74	4.77	4.87	4.83	4.63
Other leather & leather prod.	236.00	230.62	234.52	235.41	195.43	40.0	38.5	38.7	39.3	32.9	5.90	5.99	6.06	5.99	5.94
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	387.35	374.36	361.46	380.79	414.74	36.1	36.1	34.1	36.3	39.2	10.73	10.37	10.60	10.49	10.58
Bituminous coal & lignite mining	528.98	504.58	511.77	493.48	486.86	39.3	38.4	38.8	37.3	39.2	13.46	13.14	13.19	13.23	12.42
Nonmetallic minerals, exc. fuels	403.27	403.61	385.00	373.15	367.22	46.3	45.4	43.9	42.5	43.0	8.71	8.89	8.77	8.78	8.54
Communication	453.17	439.30	448.89	453.95	408.29	39.1	38.3	39.0	39.1	38.7	11.59	11.47	11.51	11.61	10.55
Electric, gas, & sanitary services	497.70	503.10	500.07	499.09	464.40	42.0	42.1	42.2	41.8	41.8	11.85	11.95	11.85	11.94	11.11
Electric services	486.57	493.73	483.51	486.63	469.88	42.2	42.6	42.6	42.5	42.6	11.53	11.59	11.35	11.45	11.03
Gas production & distribution	427.22	425.66	424.68	393.50	396.00	41.0	40.5	40.6	37.8	40.0	10.42	10.51	10.46	10.41	9.90
General merchandise stores	163.86	162.17	156.22	15 .87	151.37	30.8	30.2	29.2	28.6	28.4	5.32	5.37	5.35	5.38	5.33

4/26/83

PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

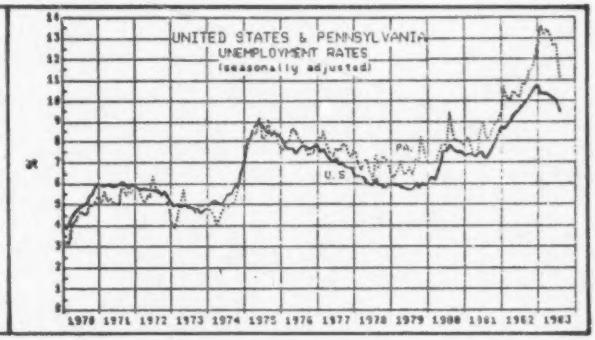
AUGUST 1983

Vol. XXVIII No. 8

(July Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	JULY 1983	JUNE 1983	JULY 1982
Civilian Labor Force	5670.0	5607.0	5578.0
Employment	5054.0	4886.0	4982.0
Unemployment (Unadjusted)	617.0	721.0	595.0
%Civilian Labor Force	10.9	12.9	10.7
Unemployment (Seas. Adj.)	617.0	704.0	594.0
%Civilian Labor Force	11.1	12.6	10.8



RESIDENT EMPLOYMENT UP BY 168,000
AND UNEMPLOYMENT DROPS BY 104,000

The number of Pennsylvania residents employed rose to 5,054,000 in July, the fourth consecutive month a gain was reported. The increase was 168,000 over the previous month and 72,000 more than the July 1982 figure of 4,982,000. During the same time period, the unadjusted unemployment number and rate both declined. There were 104,000 fewer people unemployed, resulting in a drop in the unemployment rate from 12.9 percent to 10.9 percent. However, the 617,000 unemployed was slightly higher than the 595,000 recorded for July 1982.

Pennsylvania's seasonally adjusted unemployment rate was 11.1 percent, slightly higher than the national rate of 9.5 percent. In July 1982, the state and national seasonally adjusted unemployment rates were 10.8 percent and 9.8 percent, respectively.

NONAGRICULTURAL EMPLOYMENT DROPS BY 43,800
CONTRACT CONSTRUCTION RISES BY 5,300

Total nonagricultural wage and salary employment decreased by 43,800 from June to July, the second consecutive month a decrease was recorded. Nonmanufacturing industries employment dropped by 37,000 jobs while manufacturing dropped by 6,800.

NONMANUFACTURING. Although total employment in the nonmanufacturing industries decreased, there were industries in this sector that reported sizable increases in employment. Contract construction led the way with 5,300 jobs, followed by general merchandise stores reporting a gain of 3,100. Hotel and lodging employment increased by 3,000 and the health services industries by 2,400. Finance, insurance and real estate industries also exhibited an increase in employment of 1,100.

Government employment decreased by 27,600 from June to July. This decrease reflects the vacation schedules of the educational institutions where employment decreased by 53,300. This decrease was somewhat offset when 25,300 more people were employed in other local government jobs. The federal government actually reported an increase of 600 jobs during July.

MANUFACTURING. In July, 1,097,100 persons were employed in the manufacturing industries, slightly less than the June level of 1,103,900. Despite the 6,800 net loss in employment, there were slight gains in the lumber and wood products, 400; metal forgings and stamping, 500; fabricated metal products, 400; electronic components and accessories, 600; food and kindred products, 700; and drug industries, 400.

MANUFACTURING HOURS DECREASE SLIGHTLY
HOURLY AND WEEKLY EARNINGS RISE

Average weekly earnings for production workers in manufacturing industries was $354.99, an increase of $3.44 over the June figure of $351.55. This was also $22.45 above the July 1982 average of $332.54. The increase in weekly earnings over the past year was due to an increase in both the average weekly hours worked and the hourly wage rate. Average weekly hours worked went from 38.4 in July 1982 to 39.4 in July 1983, while the hourly rate went from $8.66 to $9.01.

Even though the average weekly hours worked increased over the past year, the July monthly figure of 39.4 was slightly less than the 39.5 for June. During the same time the hourly rate went from $8 90 to $9.01 which resulted in the slight increase in weekly earnings.

BUR 553 8 82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

Hourly rates for the primary metal industries increaed from $11.66 for June to $11.91 for July. Electric and electronic equipment rates also increased for the month, going from $8.91 to $9.13.

The durable goods industries recorded a 12 cent hourly rate increase from June going from $9.88 to $10.00, while at the same time nondurable rates increased from $7.62 to $7.71.

ALL MAJOR LABOR MARKET AREAS AGAIN RECORD DECREASES IN BOTH UNEMPLOYMENT AND UNEMPLOYMENT RATES
(Not seasonally adjusted)

July was the second consecutive month in which both the number of unemployed and unemployment rates in all major labor market areas decreased from the previous month. Johnstown's unemployment rate of 19.3 percent was the highest reported while Lancaster's 6.1 percent was the lowest. The volume of unemployment in Pittsburgh dropped from 171,300 to 141,200, a 17.6 percent decline; in Philadelphia from 185,000 to 148,200, a 15.7 percent drop; in Erie from 20,800 to 17,200 a 17.3 percent decrease; and in Reading from 17,400 to 14,700, a reduction of 19.0 percent.

Lancaster's 6.1 percent rate of unemployment, Harrisburg's 6.2 percent, Philadelphia's 8.2 percent and Reading's 9.0 percent were below the national and state rates of 9.4 percent and 10.9 percent, respectively. State College and Williamsport, both with unemployment rates of 10.2 percent, exceeded the national rate but were below the state rate.

In 10 of the 14 major labor market areas, employment in manufacturing industries decreased from the previous month. Nonmanufacturing employment also decreased in 11 of the labor market areas. Erie was the only major area to record gains in both industrial segments. Johnstown, Lancaster and Sharon areas experienced increases in manufacturing industries, while Allentown-Bethlehem-Easton and State College areas showed increases in nonmanufacturing employment. Philadelphia had the greatest loss in nonmanufacturing wage and salary employment losing 13,000 jobs.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES					PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
				NET CHANGE		GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	JULY 1983	JUNE 1983	JULY 1982	JUNE 1983	JULY 1982	July 1983	June 1983	July 1982	July 1983	June 1983	July 1982	July 1983	June 1983	July 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4468.1	4511.9	4537.2	-43.8	-69.1									
TOTAL MANUFACTURING INDUSTRIES	1097.1	1103.9	1146.9	- 6.8	-49.8	354.99	351.55	332.54	39.4	39.5	38.4	9.01	8.90	8.66
TOTAL DURABLE GOODS	623.8	626.5	682.8	- 2.7	-59.0	405.00	401.13	370.75	40.5	40.6	38.7	10.00	9.88	9.58
Lumber & wood products	20.3	19.9	18.5	0.4	1.8	294.77	290.87	262.27	41.4	41.2	37.9	7.12	7.06	6.92
Furniture & fixtures	17.7	18.0	17.7	- 0.3	0.0	286.80	294.52	275.84	38.6	39.8	38.1	7.43	7.40	7.24
Stone, clay & glass products	50.7	50.8	51.6	- 0.1	- 0.9	391.94	388.10	369.05	41.3	41.2	40.6	9.49	9.42	9.09
Primary metal industries	124.7	124.8	140.1	- 0.1	-15.4	476.40	465.23	433.27	40.0	39.9	37.0	11.91	11.66	11.71
Fabricated metal products	87.7	87.3	96.4	0.4	- 8.7	386.65	387.73	358.66	40.7	40.9	39.5	9.50	9.48	9.08
Machinery, exc. electrical	103.5	106.0	127.2	- 2.5	-23.7	396.01	400.40	369.33	39.8	40.0	39.0	9.95	10.01	9.47
Electric & electronic equipment	102.7	102.3	106.4	0.4	- 3.7	377.98	367.09	332.28	41.4	41.2	39.0	9.13	8.91	8.52
Transportation equipment	59.9	59.6	65.0	0.3	- 5.1	464.79	463.80	414.58	40.7	41.3	38.0	11.42	11.23	10.91
Instruments & related products	35.4	35.6	38.7	- 0.2	- 3.3	363.81	362.50	340.69	40.2	40.1	39.8	9.05	9.04	8.56
Miscellaneous manufacturing industries	21.2	22.2	21.2	- 1.0	0.0	373.01	361.47	299.02	41.4	41.5	39.5	9.01	8.71	7.57
TOTAL NONDURABLE GOODS	473.3	477.4	464.1	- 4.1	9.2	293.75	291.08	279.68	38.1	38.2	38.0	7.71	7.62	7.36
Food & kindred products	92.5	91.8	92.5	0.7	0.0	337.90	337.79	319.57	39.2	39.6	39.6	8.62	8.53	8.07
Tobacco manufacturers	2.2	2.2	2.0	0.0	0.2	201.47	211.03	201.46	36.9	38.3	38.3	5.46	5.51	5.26
Textile mill products	38.4	38.9	38.5	- 0.5	- 0.1	221.71	233.01	211.47	37.2	38.9	37.1	5.96	5.99	5.70
Apparel & other textile products	109.0	111.9	94.7	- 2.9	14.3	184.37	187.81	177.30	33.1	33.9	33.9	5.57	5.54	5.23
Paper & allied products	39.5	40.0	40.2	- 0.5	- 0.7	389.17	373.59	350.17	45.2	43.9	42.6	8.61	8.51	8.22
Printing & publishing	71.1	71.4	71.2	- 0.3	- 0.1	359.99	350.68	332.05	39.3	38.2	38.7	9.16	9.18	8.58
Chemicals & allied products	57.6	57.4	59.2	0.2	- 1.6	418.78	422.24	389.76	41.3	41.6	40.6	10.14	10.15	9.60
Petroleum & coal products	15.9	16.1	17.0	- 0.2	- 1.1	533.38	525.34	517.16	42.5	42.4	42.6	12.55	12.39	12.14
Rubber & misc. plastics products	33.6	33.9	33.7	- 0.3	- 0.1	315.90	308.70	293.64	40.5	40.3	39.1	7.80	7.66	7.51
Leather & leather products	13.5	13.8	15.1	- 0.3	- 1.6	192.14	195.05	180.36	37.6	37.8	36.0	5.11	5.16	5.01
TOTAL NONMANUFACTURING INDUSTRIES	3371.0	3408.0	3390.3	-37.0	-19.3									
Mining	44.3	43.6	45.4	0.7	- 1.1									
Contract Construction	164.2	158.9	180.1	5.3	-15.9									
Transportation	131.2	138.4	137.6	- 7.2	- 6.4									
Public Utilities	104.5	103.9	106.0	0.6	- 1.5									
Communications	53.7	53.4	55.5	0.3	- 1.8									
Electric, gas and sanitary service	50.8	50.5	50.5	0.3	0.3									
Wholesale trade	234.0	235.7	240.6	- 1.7	- 6.6									
Retail trade	736.5	738.0	729.3	- 1.5	7.2									
General merchandise stores	118.8	115.7	116.7	3.1	2.1									
Finance, insurance & real estate	243.5	242.4	242.0	1.1	1.5									
Banking	82.1	81.8	81.1	0.3	1.0									
Insurance	69.9	69.4	70.3	0.5	- 0.4									
Services	1064.0	1070.7	1049.1	- 6.7	14.9									
Business services	143.5	144.6	142.3	- 1.1	1.2									
Health services	368.2	365.8	356.3	2.4	11.9									
Hospitals	221.9	220.9	216.3	1.0	5.6									
Educational service	111.9	124.4	113.0	-12.5	- 1.1									
Government	648.8	676.4	660.2	-27.6	-11.4									
Federal	137.0	136.4	135.0	0.6	2.0									
State & local	511.8	540.0	525.2	-28.2	-13.4									
Persons in labor-management disputes	4.9	6.1	5.9	- 1.2	- 1.0									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1980, are benchmarked to first quarter 1981.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.